



Volume XXVI, Issue 4
Editor: Thomas Price; KC2PSC

April 2019

March 14, 2019 Board Meeting

Call to order – 19:08

President's Report:

Discussion of open officer positions (president, secretary) and director position (1).

Treasurer's Report:

Information to be presented at the general meeting

Old Business:

Field Day discussion:

Field day 2019 will be June 22/23. Due to low turnout the past few years, we will gauge likely participation levels for this

year's field day, and request a volunteer to chair this year's field day. If no one volunteers and participation does not seem likely to increase from last year, we will enter discussions to determine how to move forward on field day 2019. A scaled-down field day could be held at the Harborfields library, as was done two years ago. GSBARC has extended an invitation to our members to participate in their field day activities.

New Business:

None

March 14, 2019 General Meeting

The general meeting was called to order at 19:30.

President's Report: (VP report)

Discussion of open officer positions (president, secretary) and director position (1). No one expressed an interest in taking on any of the open positions. We need members to come forward and help run our club.

Treasurer's Report – financial position overview. We incurred a \$2500 charge for work done to the repeater. An additional \$2500 in parts and labor was donated to us by the rigger.

Secretary's Report: no correspondence.

Repeater Report: The rigger installed a new antenna, coax, and repeater. The system is working very well. The packet system is online and working well. An

internet connection at the repeater site would be helpful as it would permit remote maintenance of the repeater, and would also facilitate Echolink and other internet-based programs.

Membership: We are happy to welcome back a member from several years ago.

VE Sessions: VE sessions will be held on April 13, June 8, August 10, October 10, and December 14. The 2/9 session had no one show up to take tests, likely due to the bad weather.

Good & Welfare: Best wishes for a speedy recovery to Matt Lazarus's wife as she undergoes surgery next week.

Night Timers: attendance usually 3-5 members, stimulating conversations, all are welcome.

Social Media / Yahoo Group / Website: The website has had most of the problems, including dead links repaired. Visit the web page today at Larkfield.org.

Publications / QSX: QSX just went out – content is always welcome. Members are encouraged to submit original articles for publication (size does not matter).

RACES & Public Information: Our ARES/RACES group will be parting with ARES as the league has imposed training requirements that represent a significant burden to our members. Our group is joined by groups from Babylon, Islip, and others who are also leaving ARES. RACES practice nets are active every Monday evening (except as noted for holidays, etc.) on the .210 repeater.

Announcements:

The Cow Harbor race is scheduled for Saturday, September 21. Information will be going out to the operators soon.

A YMCA race is scheduled for April 28. We have approved the use of our repeater for those working the race.

Please visit the ARRL page regarding proposed rule changes. The applicable links are <http://www.arrl.org/news/tyro-license-proposal-now-open-for-public-comment> for the “Tyro” proposal and <http://www.arrl.org/news/fcc-invites-comments-on-arrl-technician-enhancement-proposal> for the technician enhancement proposal. Please take a few minutes to review the proposals and then LEAVE A COMMENT! Let the FCC know how you feel about the proposed rule changes.

Old Business: none.

New Business

Field Day: After much discussion, the membership voted unanimously to NOT hold field day this year at West Hills Park. The membership will explore other options, which may include a site at Harborfields Library or other locations, and likely would not incorporate an overnight stay.

Presentation: Swap and shop – Thanks to all who participated.

Adjourn

Club Meeting Topics Needed

Did you have a ham radio related topic that you would like to hear about? Feel free to e-mail the club list. Maybe a topic of your interest will have a presenter in the next couple of months.

“Three States On a HT”

By Paul Beeman, W2PB



We are “hams” so we are supposed to have the ability to adapt. When we (my wife and I) moved to Delaware in November 2016 gone were the days of operating D-Star and DMR digital modes from just a mobile radio or an HT. Why? Because there is only one-part time D-Star repeater in the state, and it is up in Wilmington DE, 45miles north of Dover. Of course, us lovers of D-Star “adapted” and several of us run “Hotspots,” “DV4Minis” or some other type of D-Star technology to allow us to get into D-Star gateway repeaters. I have a DVAP/Raspberry Pi hotspot in my truck, and a high-power hotspot at the house.

Another change was the lack of DMR coverage state-wide. There is an UHF DMR repeater up in Wilmington which has coverage half way to Dover. There is also another DMR repeater down south in Sussex County in Roxana. It covers northward, but falls way short of Dover.

In Dover, there is a 2-meter DMR repeater with some common part time connectivity to Talk Groups common with the DMR repeaters on Long Island, such as Talk Group 3, North America. But for state-wide digital VHF/UHF the State of Delaware decided on Yaesu Fusion, C4FM modulation. Recent good news is the DMR repeater owner/operator here in Dover, has announced he is putting another repeater “up north” and one “down south” to allow for full state access to DMR. Yea!

Back to Fusion discussion, the northern county of Delaware, New Castle, has multiple Fusion repeaters connected to the internet. The southern county of Sussex, also has multiple Fusion repeaters connected to the Internet for Fusion. Lastly, in our county, the repeater, less than a mile from our house, is also Yaesu Fusion/C4FM. It is connected to the Internet remotely through an RF link. The Club’s repeater in Dover proper, is Fusion/C4FM, but is not connect to the Internet.....yet!

When it is desired to have North to South coverage, (our current full-time configuration), the repeater operators connect to a specific Wires-X (Fusion) “room”, typically K3KNT’s room (40410), and viola’ the state is all connected. There is a weekly net on Wednesday night at 8PM local time to test the system, and exchange ideas on how to advance the interconnect. The interconnected system allows communication from southeast Pennsylvania, all of Delaware, coastal parts of Maryland, and even into Accomack County Virginia. In essence, just about all of “Delmarva”.



The repeaters are typically run in the conventional FM mode, but can also be ran in the digital “C4FM “Fusion” mode. But running them in the FM mode allows anyone with a FM HT or radio to talk to anyone else in “Delmarva” (Delaware, Maryland, Virginia) which what is desired in times of emergencies. No digital HTs or radios are required. Those of us with dual mode radios just operate in FM mode to access our respective local repeaters. We can access our local Fusion repeaters with C4FM or FM modulation through Yaesu’s “Automatic Mode Selection” function.

If a regional emergency occurs, it is ease for Philadelphia and lower New Jersey, or any other area or repeater, to join the “room” and the regional coverage broadens out. The interconnecting is done via a Yaesu HRI-200 WIRES-X™ controller (\$125) at each repeater site. Software easily allows the repeater operator to connect to any “room” or “node” they desire on the fly.

In conclusion, while I miss Long Island’s implementation of D-Star and DMR, Yaesu Fusion and WIRES-X are interesting and easy to implement, and very agile. 📡

73

Paul, W2PB

DMR: TG 3 North America

D-Star: Reflector 20A

Fusion Room: Americalink

Groups IO

Please join the Clubs Yahoo group. Not a member already send an e-mail to the following address:

larkfieldarc+subscribe@groups.io

Join our facebook group

<http://www.facebook.com/Larkfieldarc>

ARES/RACES NET

Sunday 0900 New York State RACES 3993.5 LSB
Monday 1900 Huntington - 147.210
Monday 1930 Smithtown - 145.430
Monday 1930 Southampton - 147.195
Monday 2000 Nassau County ARES RACES - 443.525
Monday 2000 Easthampton - 145.270
Monday 2015 Babylon - 146.685
Monday 2030 Brookhaven - 145.210
Monday 2100 Suffolk County RACES - 145.330

Huntington ARES/RACES

<http://www.huntingtonnyaresraces.org>

The Larkfield Amateur Radio Club

Affiliated with American Radio Relay League

Officers (one year terms)

President

Vice President Neil Harris KC2TAF (2019)

Secretary:

Treasurer: Rich Florio W2TMA (2019)

General Directors (two year terms)

Donald Clarke AB2BN (2019-2020)

Art Van Nostrand KD2NJM(2019-2020)

Matt Lazarus N2RBP(2019-2020)

Peter Deluca AA2VG(2019)

Roger Rapp W2GLE (2019)

WA2PNU Station Trustee Jonathan Schwartz KC2PBE

WR2ABA Station Trustee Jonathan Schwartz KC2PBE

W2LRC Station Trustee Jonathan Schwartz KC2PBE

Members of the Larkfield Amateur Radio Club are invited to use the W2RGM Dix Hills Repeater System:

2 meters

147.075 MHz out/147.675 MHz in
4z/136.5 Hz PL

The Larkfield Amateur Radio Club wishes to thank Bruno KC2ESI, Jack K2JX, Joe N2QPD, Bob AC2AZ, Thomas KC2PSC, and Pat WB2CMF for their dedication and efforts in maintaining the Club’s repeaters and our packet and APRS stations. Their collective efforts and donations of equipment along with the overview of Bob AC2AZ and Peter AA2VG have kept us “on the air”. Still to go, another 440 MHz repeater and adding IRLP or Echolink to one of our repeaters. We need volunteers for this new work.

General Meetings 7:30 PM
April 11, 2019 May 9, 2019
June 13, 2019

70 centimeters
448.500 MHz out/ 443.500 in
2a/114.8 Hz PL

THE LARKFIELD AMATEUR RADIO CLUB OPERATES:

WR2ABA HUNTINGTON REPEATER

2 meters

147.210 MHz out/147.810 MHz in
4z/136.5 Hz PL

W2LRC HAUPPAUGE REPEATER

2 meters

145.430 MHz out/144.830 MHz in
4z/136.5 Hz PL

W2LRC HUNTINGTON APRS

2 meters

144.390 MHz In/Out

USA EASTNET FLEXNET NETWORK

2 meters

WA2PNU (0-15) Nodes 145.070 MHz
WA2PNU (-4) Node 145.070 MHz (BBS)

Board Meetings 7:00 PM
April 11, 2019 May 9, 2019
June 13, 2019

GOOD AND WELFARE

Attention members: Our Good and Welfare Chairperson is Helene Lazarus (XYL of Arnie N2PLS (SK)). Please inform her (499-2837) of news about club members so she may make submissions to this publication.

<p align="center"><u>2019 DUES SCHEDULE</u> Regular Membership: \$35.00 Members Age 65 or older: \$25.00 Members Age 17 or less: \$25.00 Disabled Members: \$25.00 Living Outside Club's Operating Sphere: \$15.00</p> <p><u>Add \$10.00 if you want QSX via U.S. Mail</u></p>	<p align="center">Pay by PayPal at larkfield.org</p> <p align="center">Make your check payable to: LARC</p> <p align="center">And Mail to: Larkfield Amateur Radio Club Inc. PO Box 1450 Huntington, NY 11743</p>
<p align="center">VE SESSION SATURDAY June 8th HUNTINGTON TOWN HALL 100 MAIN ST., ROOM 114 WALK-Ins WELCOME</p> <p>Team Liaison is Rich W2TMA. Fee is \$15. All elements will be offered and exams start at 9:00AM. You must have 2 forms of ID, one of which includes a photo. If upgrading, bring an original and a copy of your license and an original of any CSCEs.</p>	<p>The next Executive Board and General meetings will be on Thursday, May 9th at 7PM and 7:30PM, respectively.</p> <p>You can submit articles or photos for publication by e-mail at: larkfieldqsx@gmail.com</p>

Larkfield Amateur Radio Club, Inc.
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